



ecology and environment, inc.

160 SPEAR STREET, SAN FRANCISCO, CALIFORNIA 94105, TEL. 415/777-2811

International Specialists in the Environment

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MEMORANDUM

TO: Jim Quint, EPA Region IX
FROM: Jim James, Ecology and Environment, Inc. *JMJ*
DATE: July 15, 1991
SUBJECT: Completed Work
cc: Marcia Brooks, E & E FIT

Attached is the following completed:

PA____ PA Review____ SSI____ LSI____ SIRE____
Other Preliminary Assessment Reassessment Summary

Site Name: Buckeye Properties *(3645)*

EPA ID #: CAD982392243

City, County: San Francisco, San Francisco County

State Recommendation:
(for Reviews only)

L Wong 7/24/91
FOR EPA USE ONLY

CERCLIS Lead: *EPA*

WQG

~~SI - LOW~~

7/24/91

je/bp/cwm-trans



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160 SPEAR STREET, SAN FRANCISCO, CALIFORNIA 94105, TEL. 415/777-2811

International Specialists in the Environment

PRELIMINARY ASSESSMENT

REASSESSMENT SUMMARY

SUBMITTED TO: Jim Quint, EPA Region IX Site Assessment Manager

PREPARED BY: Jennifer Eberle, Ecology and Environment, Inc. *JE*

THROUGH: Howard Edwards, Ecology and Environment, Inc. *HE*

DATE: July 15, 1991

SITE: Buckeye Properties
1296 Armstrong Avenue
San Francisco, CA 94124

EPA ID NUMBER: CAD982392243

TDD NUMBER: F9-9103-011

ACCOUNT NUMBER: FCA1545SAA

FIT REVIEW/
CONCURRENCE:

James M. James 7/17/91

1. INTRODUCTION

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA) and the U.S. Environmental Protection Agency (EPA) has tasked Ecology and Environment, Inc.'s Field Investigation Team (FIT) to conduct an assessment of Buckeye Properties in San Francisco, California. This report summarizes FIT's investigative efforts.

2. SITE DESCRIPTION

The Buckeye Properties site (Buckeye) is currently a group of 10 businesses and vacant lots which comprises approximately 17 acres in southeast San Francisco, California (T. 2 S., R. 5 W., Mount Diablo Baseline and Meridian; lat. 37°44'06" N., long. 122°23'18" W.) (see Figure 1, Site Location Map). Buckeye is located in a mixed industrial and residential area. Buckeye is bordered to the northeast by the South Basin Inlet, also known as Yosemite Canal or Islais Creek, which empties into the San Francisco Bay. Candlestick Point State Recreation Area borders the site to the southeast. Hunters Point Naval Shipyard, a National Priorities List site, lies approximately 800 feet east and northeast of the site across the inlet (1).

Source: U.S.G.S. 7.5' San Francisco South Quad.



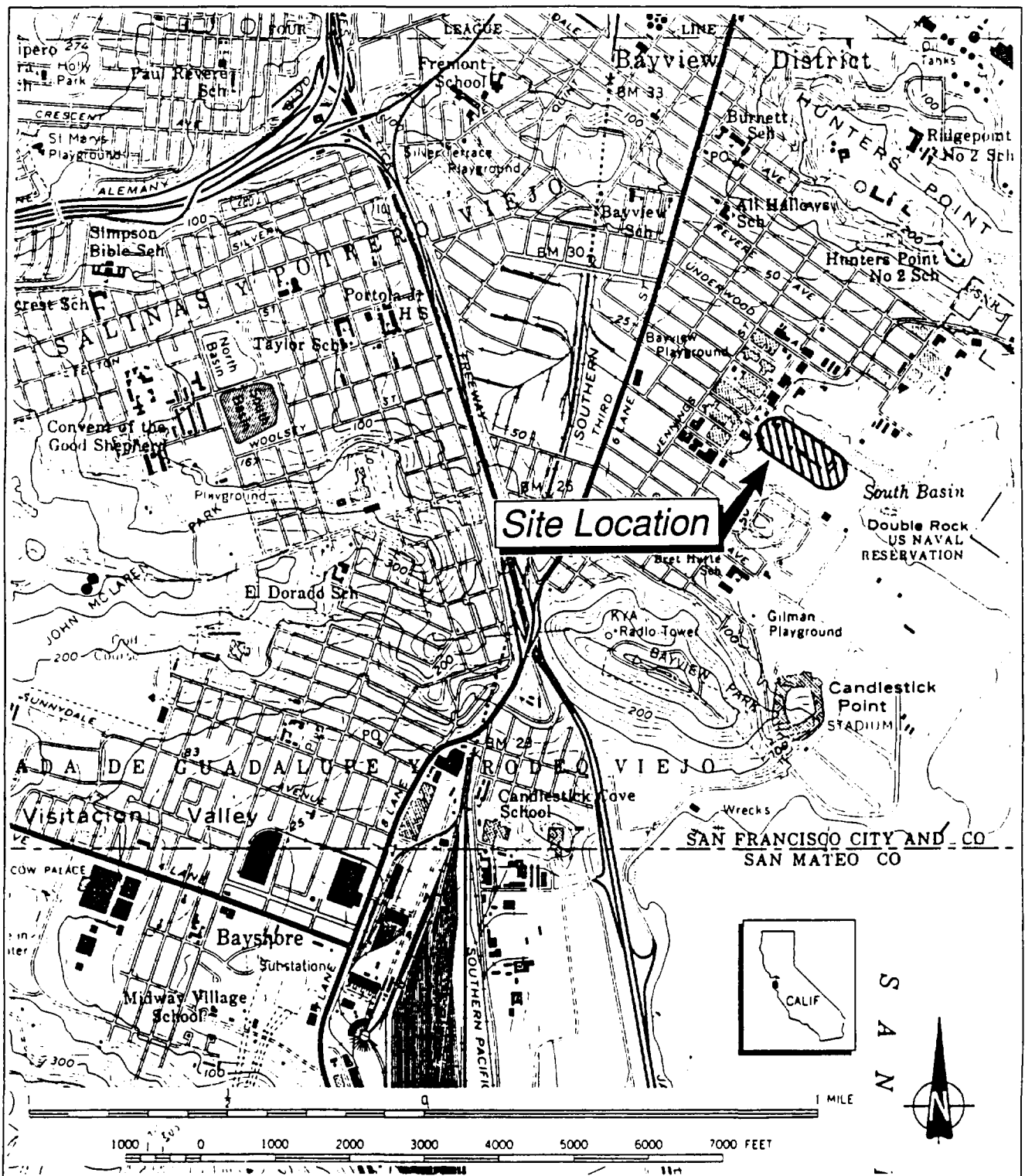
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Figure 1

SITE LOCATION MAP
Buckeye Properties
1296 Armstrong Avenue
San Francisco, California

820 map - Bayview 1/1/80

Source: U.S.G.S. 7.5' San Francisco South Quad.



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Figure 1

SITE LOCATION MAP
Buckeye Properties
1296 Armstrong Avenue
San Francisco, California

The Buckeye site covers a landfill which was reclaimed from San Francisco Bay between 1943 and 1955. During and after World War II, much of the historic bay margin in the South Basin Inlet area was subjected to considerable fill and dumping operations, either by the U.S. Government, its contractors, or private individuals. Disposal at Buckeye included construction debris, waste oil, and uncontained or drummed liquid chemical wastes. The filling of the bay margin in the South Basin Inlet area appears to have been indiscriminate. When the landfill was completed in approximately 1955, the site was acquired by Ricci and Kruse Lumber Company. It is currently owned by a partnership between Reginald Ricci, Anita Ricci, and Buckeye Properties (2).

3. APPARENT PROBLEM

A sewer line was constructed under the site by the City and County of San Francisco's Department of Public Works in 1986 (2). This project was completed to meet the requirements of San Francisco's Maher Ordinance, which ensures that developers of properties within previously landfilled portions of the Bay must complete hazardous waste investigations prior to project construction (3). Contamination was found to exist in the groundwater and soil beneath a portion of the site (see Tables 1 and 2) (2,3,4,5).

TABLE 1

GROUNDWATER CONTAMINATION AT BUCKEYE

<u>Contaminant</u>	<u>Concentration</u>
benzene	800 ppb**
xylene	1,200 ppb
total petroleum hydrocarbons (TPH)	680 ppm***

** ppb - parts per billion

*** ppm - parts per million

TABLE 2

SOIL CONTAMINATION AT BUCKEYE

<u>Contaminant</u>	<u>Concentration</u>
PCBs as Aroclor 1260	3.7 mg/kg*
Cadmium	12 ppm
Lead	230 ppm
Mercury	0.700 mg/kg

* mg/kg - milligrams per kilogram

The contamination problem was reported in September 1989 to the Enforcement Section of EPA by an attorney for Buckeye Properties (6). In addition, a consultant for Candlestick Point State Recreation Area found high concentrations of hazardous substances in surface water and sediments in the South Basin Inlet adjacent to the site (7).

4. REGULATORY INVOLVEMENT

The Yosemite Fitch Outfall Consolidation Project (YFOC) is being studied through DHS' Preliminary Endangerment Assessment Program (8). DHS does not have any other involvement with Buckeye (9). San Francisco's Department of Public Works (DPW) is involved with the site through the Clean Water Program in light of the sewer construction (also known as YFOC) (11). The City/County of San Francisco's Health Department, Hazardous Materials Section, has a file which contains a Hazardous Materials Permit request for E.S. Brush & Sons Co. at 1313 Armstrong Avenue (12). Brush and Sons Lumber Co. is also listed in RWQCB's fuel leak files (10).

Buckeye is not listed in the RCRA database as of November 16, 1990. It is also not included on the January 1990 update of the California Expenditure Plan for the Hazardous Substances Cleanup Bond Act of 1984.

5. SUMMARY OF HRS CONSIDERATIONS

The following are the significant HRS factors associated with the site:

- o The potential for documenting an observed release of contaminants from the site to surface water appears to be high;
- o The contaminants of concern have high toxicities;
- o Actual contamination of a fishery in the South Basin Canal, which is adjacent to the site, may have occurred; and
- o Contaminated groundwater below the site may be under tidal influence with San Francisco Bay.

6. EPA RECOMMENDATION

	<u>Initial</u>	<u>Date</u>
No Further Remedial Action Planned under CERCLA	_____	_____
Higher-Priority for Further Site Assessment	_____	_____
Lower-Priority for Further Site Assessment	<u>jm2</u>	<u>7/24/91</u>
Defer to Other Authority (e.g., RCRA, TSCA, NRC)	_____	_____

Notes:

7. REFERENCES

1. U.S. Geological Survey, map of San Francisco South, 7.5-minute quadrangle, 1956 (photorevised 1980).
2. French, Christopher M., Environmental Investigation, Remediation and Risk Assessment, "Phase I Report for property located in San Francisco," Berkeley, California, November 1989.
3. ERM-West, Yosemite and Fitch Sewer Construction Investigation of Hazardous Waste and Mitigation Results, for City and County of San Francisco Public Works Department Industrial Waste Division, Walnut Creek, California.
4. Precision Analytical Laboratory, Inc., lab results: PCBs as Aroclor 1260, Monitor Well NW-1, San Francisco, California, June 7, 1989.
5. Analytical Laboratory, lab results: Mercury, Boring 4, Sacramento, California, December 22, 1986.
6. Amen, Thomas, Amen, Keith, and Berg, to Julie Anderson, Environmental Protection Agency (EPA), letter, September 18, 1989.
7. Holguin, Fahan & Associates, Inc., "Candlestick Point State Recreation Area Soil and Water Quality Investigation Report," Ventura, California, March 13, 1990.
8. Krival, Steve, DHS, and Jennifer Eberle, E & E FIT, telephone conversation, March 18, 1991.
9. Cruz, Doris, DHS, and Jennifer Eberle, E & E FIT, telephone conversation, March 15, 1991.
10. Gandesbury, Tom, RWQCB, and Jennifer Eberle, E & E FIT, telephone conversation, April 23, 1991.
11. Coffee, Harold, City of San Francisco Department of Public Works, and Jennifer Eberle, E & E FIT, telephone conversation, August 29, 1990.
12. Ratti, Barbara, City/County of San Francisco Health Department-Hazardous Materials Section, and Jennifer Eberle, E & E FIT, telephone conversation, April 24, 1991.

OTHER IMPORTANT REFERENCES

13. Ricci, Reginald, Buckeye Properties Tenant List, October 1990.
14. Eberle, Jennifer, Janet Kaps, and Paul Brown, E & E FIT, Site Drive-By and Observations Report, August 22, 1990 and September 20, 1990.
15. Eberle, Jennifer, "CERCLA Preliminary Assessment, Buckeye Properties, 1296 Armstrong Avenue, San Francisco, CA," December 7, 1990.
16. U.S. EPA, Hazardous Substances Reference Table for 333 substances, June 26, 1990.
17. Hamlin, Scott, and Gus Yates, U.S. Geological Survey, and Jennifer Eberle, E & E FIT, telephone conversation, October 2, 1990.
18. O'Connor, Lois, City of Brisbane, and Jennifer Eberle, E & E FIT, telephone conversation, October 2, 1990.
19. U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Weather Service, NOAA Atlas II, Precipitation-Frequency Atlas of the Western United States, Volume XI-California, p. 37, Silver Spring, Maryland, 1973.
20. Riley, Paul, and Alan Grover, California Department of Fish and Game, and Jennifer Eberle, E & E FIT, telephone conversation, August 27, 1990.
21. Castle, Ken, "Halibut Hits the Skids as Nets Return," San Francisco Chronicle, August 27, 1990.
22. Department of Fish and Game, Marine Resources Division, "Catch Block Data for 1987," derived from Annual IAA Report, August 31, 1988.
23. U.S. Fish and Wildlife Service, map of Pacific Coast Ecological Inventory for San Francisco, California, 1:250,000-scale, 1981.
24. Gabil, Margaret, Candlestick Point State Recreation Area, to Jennifer Eberle, E & E FIT, property boundary map of Candlestick Point State Recreation Area.
25. U.S. EPA, Office of Toxic Substances, Graphical Exposure Modeling System, March 1989.
26. Gabil, Margaret, Candlestick Point State Recreation Area, and Jennifer Eberle, E & E FIT, telephone conversation, March 6 and March 14, 1991.
27. Gray, Ken, California Department of Parks and Recreation, and Jennifer Eberle, E & E FIT, telephone conversation, March 18, 1991.

28. Zembsch, Steve, California Department of Parks and Recreation, and Jennifer Eberle, E & E FIT, telephone conversation, March 19, 1991.
29. Riley, Paul, California Department of Fish and Game, and Jennifer Eberle, E & E FIT, telephone conversation, March 5, 1991.
30. Anderson, Jan, Audubon Society, and Jennifer Eberle, E & E FIT, telephone conversation, March 19, 1991.
31. Thabault, Mike, National Marine Fisheries Office, and Jennifer Eberle, E & E FIT, telephone conversation, April 3, 1991.
32. Nichols, Fred, U.S. Geological Survey, and Jennifer Eberle, E & E FIT, telephone conversation, April 1, 1991.
33. Quint, Jim, U.S. EPA, and Jennifer Eberle, E & E FIT, telephone conversation, April 8 and April 18, 1991.

CONTACT LOG

Facility Name: Buckeye Properties
Facility ID: CAD982392243

Name	Affiliation	Phone #	Date	Information
Jennifer Eberle	E & E FIT	415-777-2811	8/22/90, 9/20/90	See Site Drive-by Report
Paul Riley	California Dept. of Fish and Game	415-688-6362	8/27/90	See Contact Report
Harold Coffee	City of San Francisco	415-550-2750	8/29/90, 9/6/90	See Contact Report
Scott Hamlin	U.S. Geological Survey	916-978-4648	10/2/90	See Contact Report
Lois O'Connor	City of Brisbane	415-467-1515	10/2/90	See Contact Report
Paul Riley	California Dept. of Fish & Game	415-688-6362	3/5/91	He does not know if there is or has been clamming in the South Basin Inlet. Contact Fred Nichols at USGS for further information.
Margaret Gabil	Candlestick Point State Recreation Area	415-557-4069	3/6/91, 3/14/91, 4/25/91	See Contact Report
Carolyn Douglas	U.S. EPA	415-744-2343	3/7/91	Ms. Douglas is working with Jim Quint, who is the Site Assessment Manager for Buckeye Properties. We set a meeting for 11:00 am on March 13th to discuss the site boundaries.
Chuck Flippo	U.S. EPA	415-744-2388	3/14/91	Mr. Flippo will send FIT a map showing what the Navy considers to be under their environmental restoration scope.

je/bp/clcr

CONTACT LOG (Cont.)

Facility Name: Buckeye Properties
Facility ID: CAD982392243

Name	Affiliation	Phone #	Date	Information
Joanne Knight	California Dept. of Health Services (DHS)	415-540-3739	3/14/91	There is no Project Manager for the site. Written request must be made for a file search.
Doris Cruz	DHS-File Room	415-540-3800	3/15/91	There are no files for Buckeye Properties.
Duty Officer	RWQCB	415-464-1255	3/18/91	FIT must come into the file room to check for files.
Ken Gray	California Dept. of Parks & Recreation	408-649-2862	3/18/91	See Contact Report
Steve Krival	DHS	415-540-3841	3/18/91	See Contact Report
Jan Anderson	Audubon Society	415-882-3374	3/19/91	There are no threatened or endangered species in the area. Migratory shore birds feed in the canal at low tide and waterfowl feed during high tide. The canal is used as a tidal wetland.
Steve Zembsch	California Dept. of Parks & Recreation	408-649-7115	3/19/91	See Contact Report
Fred Nichols	USGS	415-329-4411	4/1/91	See Contact Report
Mike Thabault	National Marine Fisheries Office	707-578-7513	4/3/91	Since they do not manage fisheries within state waters, he does not know if clams are harvested in Yosemite Canal.

CONTACT LOG (Cont.)

Facility Name: Buckeye Properties
Facility ID: CAD982392243

Name	Affiliation	Phone #	Date	Information
Tom Gandesbury	RWQCB	415-464-0841	4/23/91	Buckeye is not in RWQCB's case files. Brush and Sons Lumber Co. at 1313 Armstrong Ave. is listed in RWQCB's fuel leak files. This means that they are at least suspected of having an UST fuel leak. He'll check the Land Disposal files for FIT.
Barbara Ratti	San Francisco Health Dept. Haz Mat Sect.	415-554-2775	4/24/91	There is no file for Buckeye (the landfill), but there is a file for a business at 1313 Armstrong Ave called E.S. Brush and Sons Co. This business filed for a Hazardous Materials Permit.

SITE DRIVE-BY AND OBSERVATIONS REPORT

Ecology and Environment, Inc.	
Field Investigation Team (FIT)	
160 Spear Street, Suite 1400	
San Francisco, California 94105	
(415) 777-2811	
E & E PERSON(S) CONDUCTING DRIVE-BY AND MAKING OBSERVATIONS:	
Jennifer Eberle & Janet Kaps (8/22); Jennifer Eberle & Paul Brown (9/20)	
SITE NAME: Buckeye Properties	DATE: 8/22/90, 9/20/90
CITY/STATE: San Francisco, California	EPA ID#: CAD982392243

The following information was obtained during the drive-by:

A worker at one of the trucking companies (corner of Hawes St. and Yosemite Ave.) told us his company does demolition and hauling work, and that all their waste oil is hauled off site. He said their operation had been at this location for approximately one year. He declined to identify himself.

A secretary at Ranger Pipelines told us that install underground pipelines. They produce no hazardous wastes, and their operation has been at this location for approximately 1.5 Ranger Pipelines years. She also pointed out a trailer across Armstrong Ave. (with a 14-foot fence around it) in which somebody lives.

The following observations were made during the drive-by:

A site plan showing approximate locations of lessees was drawn up (see Fig. 2 in the Preliminary Assessment). An on-site trailer residence was noted southwest of Armstrong Ave. The area southeast of "Griffith St." is vacant, overgrown with vegetation and teeming with birdlife. This area is raised up approximately 8 feet higher than the Buckeye Properties site. Along the water's edge off Yosemite Ave. extension are rusted drums, scrap metal, construction debris, wood and poured concrete, and/or asphalt. Various trucks and buses were also found on Yosemite Ave. extension, as well as in the area of the trailer residence. Approximately 25 percent of the entire site is paved with asphalt and/or buildings. The remainder is exposed soil with or without vegetation. There is no apparent contamination at the ground surface.

CONTACT REPORT

AGENCY/AFFILIATION: State of California		
DEPARTMENT: Fish and Game		
ADDRESS/CITY: 411 Burgess Drive/Menlo Park		
COUNTY/STATE/ZIP: San Mateo/California/94025		
CONTACT(S)	TITLE	PHONE
1. Paul Riley	Associate Marine Biologist	688-6362
2. Alan Grover	Biologist	707-544-7452
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 8/27/90
SUBJECT: Fish catches in S.F. Bay		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

Mr. Riley said the 15-mile target distance limit encompasses virtually the entire San Francisco bay. The commercial herring fish catch is 9,500 tons per year or 19,000,000 pounds per year for S.F. bay.

There are 11-12 recreational clamming sites in the S.F. Bay. Manila or Japanese little-neck clams are collected for food by humans. A very rough estimate is 10,000 pounds per year. The information is based on a 1981 report of recreational clamming.

Mr. Grover said more salmon are caught by sport fishing than by commercial fishing; however, sport fishing catches are not quantified.

CONTACT REPORT

AGENCY/AFFILIATION: City and County of San Francisco		
DEPARTMENT: Dept. of Public Works (DPW)		
ADDRESS/CITY: 1550 Evans Avenue/San Francisco		
COUNTY/STATE/ZIP: San Francisco/California/94124		
CONTACT(S)	TITLE	PHONE
1. Harold Coffee	Project Manager	550-2750
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 8/29,9/6
SUBJECT: Agency involvement		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

8/29/90

Mr. Coffee was the project manager for the sewer construction project that took place at the Buckeye Properties site. This project, known as the Yosemite-Fitch Outfall Consolidation (YFOC) project, began in 1986 and was completed in 1989. He has the pertinent sampling reports and will send them to FIT.

9/6/90

Mr. Coffee requested more information regarding my investigation. He wants to check with DPW's lawyers before sending FIT any reports.

10/1/90

FIT has not received the reports yet.

je/bp/clcr

CONTACT REPORT

AGENCY/AFFILIATION: U.S. Geological Survey		
DEPARTMENT: Water Resources/Projects Office		
ADDRESS/CITY: Fed. Bldg. Rm. W-2234, 2800 Cottage Way, Sacramento		
COUNTY/STATE/ZIP: California, 95825		
CONTACT(S)	TITLE	PHONE
1. Scott Hamlin	Hydrologist	916-978-4648
2. Gus Yates	Hydrologist	
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 10/2/90
SUBJECT: Drinking water wells		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

Mr. Hamlin said there are no public drinking water wells in San Francisco. All S.F. water comes from the Hetch Hetchy Reservoir. He was not aware of any private wells in San Francisco.

Mr. Yates said there are some public drinking water wells inn the north part of Daly City, but they are west of Mission Street, which is greater than the 4-mile limit. He was not aware of any private wells in northern San Mateo County.

CONTACT REPORT

AGENCY/AFFILIATION: City of Brisbane		
DEPARTMENT: Public Works		
ADDRESS/CITY: 44 Visitacion Avenue/Brisbane		
COUNTY/STATE/ZIP: San Mateo/California/94005		
CONTACT(S)	TITLE	PHONE
1. Lois O'Connor	Admin. Secretary	467-1515
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 10/2/90
SUBJECT: Drinking water		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

The City of Brisbane purchases all its water from the City of San Francisco.

je/bp/clcr

CONTACT REPORT

AGENCY/AFFILIATION: Candlestick Point State Recreation Area		
DEPARTMENT:		
ADDRESS/CITY: 1150 Carroll Ave/San Francisco		
COUNTY/STATE/ZIP: San Francisco/CA/94124		
CONTACT(S)	TITLE	PHONE
1. Margaret Gabil	District Superintendent	415-557-4069
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 3/6/91
SUBJECT: agency involvement		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

3/6/91

Candlestick Point State Recreation Area owns the land between Griffith St. and Double Rock. They have done sediment and surface water sampling in South Basin Inlet within the past year. Holguin and Associates was contracted to do this sampling. Ms. Gabil has a map of their land but it is too big to send. She would like to meet with FIT to discuss the site. FIT must make a written request for sampling results.

3/14/91

Ms. Gabil received FIT's request and mailed the information 3/13/91. Candlestick Point State Recreation Area is designated for wildlife management. This agency is in the process of writing a wetlands restoration plan. The California Dept. of Fish and Game has noted that burrowing owls (Athene cunicularia) are species of special concern which exist at Candlestick Point State Recreation Area. Jan Anderson of the Audubon Society may be more informed of State or Federal designated endangered or threatened species.

4/25/91

There are two fishing piers at Candlestick Point State Recreation Area. One is located off Hunter's Point Expressway by Coleman, and the other is located approximately 0.5 miles from Double Rock at the end of the Point near the quiet area. The Navy started sampling adjacent to their property northwest of the canal.

CONTACT REPORT

AGENCY/AFFILIATION: California Dept. of Parks and Recreation		
DEPARTMENT: San Francisco District		
ADDRESS/CITY: 2211 Garden Rd./Monterey		
COUNTY/STATE/ZIP: CA 93940		
CONTACT(S)	TITLE	PHONE
1. Ken Gray	Sr. Resource Ecologist	408-649-2862
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 3/18/91
SUBJECT: agency involvement		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

Files for the San Francisco District are kept at the California Department of Parks and Recreation's Monterey office. Funding for the Holguin, Fahan and Associates Assessment Report on Candlestick Point State Recreation Area came from a grant from San Francisco Clean Water Program (SFCWP) which was paid to the Dept. of Parks and Recreation in lieu of a fine on SFCWP by RWQCB. Few copies of that report were made. One copy was given to RWQCB. Mr. Gray did not know if there was an EPA ID Number associated with their site.

CONTACT REPORT

AGENCY/AFFILIATION: California Dept. of Health Services		
DEPARTMENT:		
ADDRESS/CITY: 700 Heinz Ave./Berkeley		
COUNTY/STATE/ZIP: Alameda/CA/94710		
CONTACT(S)	TITLE	PHONE
1. Steve Krival	Project Manager	415-540-3841
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 3/18/91
SUBJECT: Bay Area Drum		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

Bay Area Drum is a drum recycling site which is listed on the State Superfund List. It is currently in the remedial investigation/feasibility study (RI/FS) stage. Dames & Moore conducted a Phase II RI/FS dated April 1990. This report lists approximately 50 potential sources of contamination in the area in Table 2. Background levels of lead were also studied. Contamination seems to be limited to the site of the actual facility with the exception of groundwater contamination, which seems to be limited to a one block area from the site. Groundwater flows both SSW and E. Bay Area Drum is situated on top of fill. There is a geological outcrop under the site. The surface gradient sharply drops to the south and east.

The Bay Delta Estuary Project referred to Yosemite Canal as one of the most contaminated areas in San Francisco Bay.

The Yosemite Fitch Outfall Consolidation Project (YFOC) is being studied through DHS's Preliminary Endangerment Assessment Program. Wei Wei Chuy has more information on the YFOC; her phone number is 540-3748.

FIT may come into the DHS office to review and copy the Dames and Moore report.

CONTACT REPORT

AGENCY/AFFILIATION: California Dept. of Parks and Recreation		
DEPARTMENT: San Francisco District		
ADDRESS/CITY: 2211 Garden Rd./Monterey		
COUNTY/STATE/ZIP: CA 93940		
CONTACT(S)	TITLE	PHONE
1. Steve Zembsch	Resource Ecologist	408-649-7115
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 3/19/91
SUBJECT: agency involvement		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

DHS is required to do a Preliminary Endangerment Assessment for sites that are going to be used by the public. Nina Antonio at DHS (phone: 540-3802) would have more information on that.

Candlestick acquired lands on both sides of the canal within the last seven years.

RWQCB contacts include Lester Feldman (phone: 464-1332) and Tom Gandesbury (phone: 464-0841). George Rackelman in Sacramento has the longest history of contact with the Parks Dept.

CONTACT REPORT

AGENCY/AFFILIATION: U.S. Geological Survey		
DEPARTMENT: Water Resources Division		
ADDRESS/CITY: 345 Middlefield Rd./Menlo Park		
COUNTY/STATE/ZIP: CA/94025		
CONTACT(S)	TITLE	PHONE
1. Fred Nichols		415-329-4411
2.		
E & E PERSON MAKING CONTACT: Jennifer Eberle		DATE: 4/1/91
SUBJECT: clamming in South Basin Inlet		
SITE NAME: Buckeye Properties		EPA ID#: CAD982392243

There was a National Oceanic Atmospheric Administration report on sampling in the San Francisco Bay. This report indicated that the South Basin Inlet was the worst site in the entire bay. There may have been clamming in the South Basin Inlet, but it will not be easy to find relevant documentation. The "Ecology of Soft Bottom Benthos of San Francisco Bay" by Mr. Nichols, and published by the U.S. Fish and Wildlife Service Community Profile in September 1988 deals with this subject. To find historical information on this subject, Mr. Nichols recommended three reports: A) "Survey of Sport Shellfishing Potential in San Francisco Bay in Southern San Francisco and Northern San Mateo," Final Report, by Jim Sutton, published by the City/County of San Francisco Wastewater Program, 1978; B) "Selected Shellfish Resources of San Francisco Bay," by McAllister and Moore, published by California Dept. of Fish and Game, 1982; and C) "Historical Review of Fish and Wildlife Resources in San Francisco Bay Area," by John Skinner, published by California Dept. of Fish and Game, 1962.